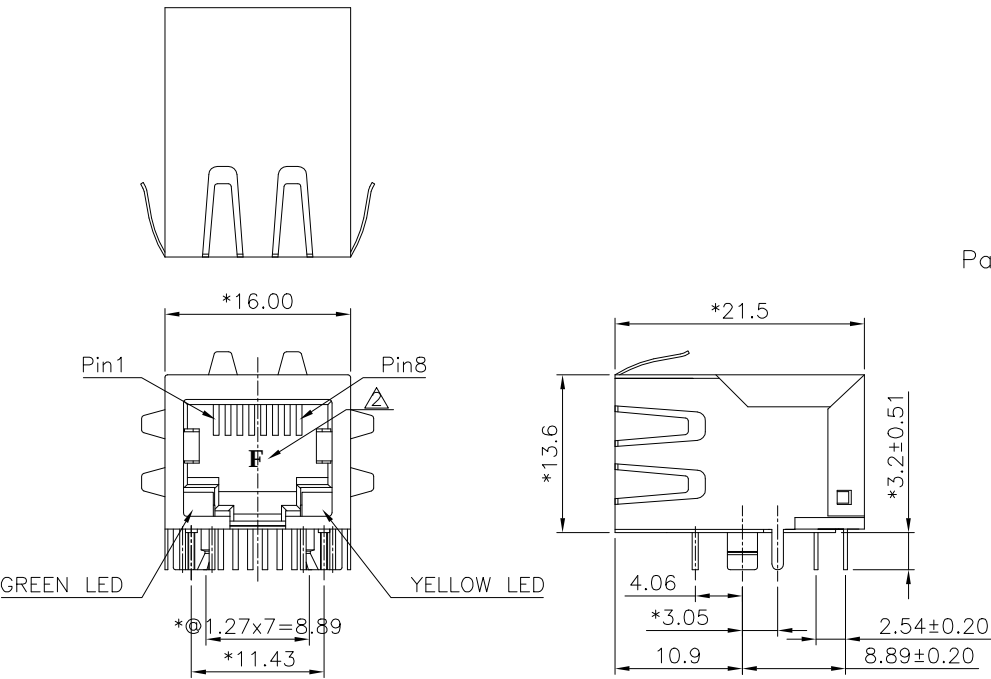


REVISION RECORD				
REV	ECO	DESCRIPTION	DRFT	CHKD
△		Drawing Modification	zzfeng	
△		Drawing Modification	ZJP	
△		Drawing Modification	BILLWU	
			12/26/02	
			06/30/03	
			10/18/04	



Part Number: E5TAB-XP07EX

1-W/O TABS
G-W/ TOP&SIDE TABS

Gold Thickness:
1- 3u" 2- 6u" 3-15u"
4-30u" 5-50u"

NOTES:

Characteristics Description:

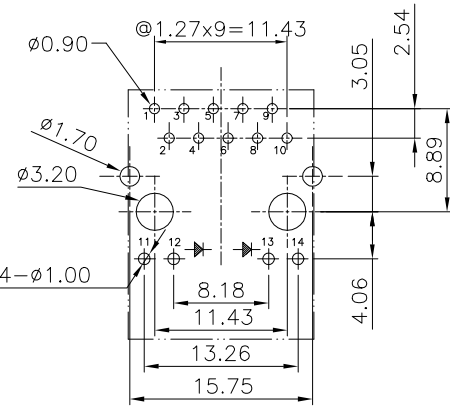
1. RJ45 10/1000 Base-Tx Transformer Jack With Transformer/ △ Impedance Resistor/High Voltage Capacitor.
2. Size Same As RJ-45 Modular Jack To Save PCB Board Space.
3. Reduce EMI Radiation, Improve EMI Performance.
4. Designed For Network Interface Card Application.
5. Designed To Meet IEEE 802.3u Requirement.
6. Designed For 100 Base Transmission over UTP-5 Cable.
7. Operation Temperature Range: 0°C To 70°C

Mechanical:

1. Housing Material : Glass Filled Polyester UL94V-0.
2. Contact Mateial : Phosphor Bronze t=0.35mm.
3. Plating : 1: Contact Area- Selectine Gold Plating.
2: Tails- Tin-Lead OVER Nickel. △
4. Operating Life : 750 Cycles Min.
5. Pcb Retention Pre-Solder : 1 Lb Min.
6. Pcb Retention Post-Solder : 10 Lbs Min.

Environmental:

1. Storage : -40°C To+85°C.
- Mates With Modular Plug Conforming To
Fcc Part 68, Subpart F.



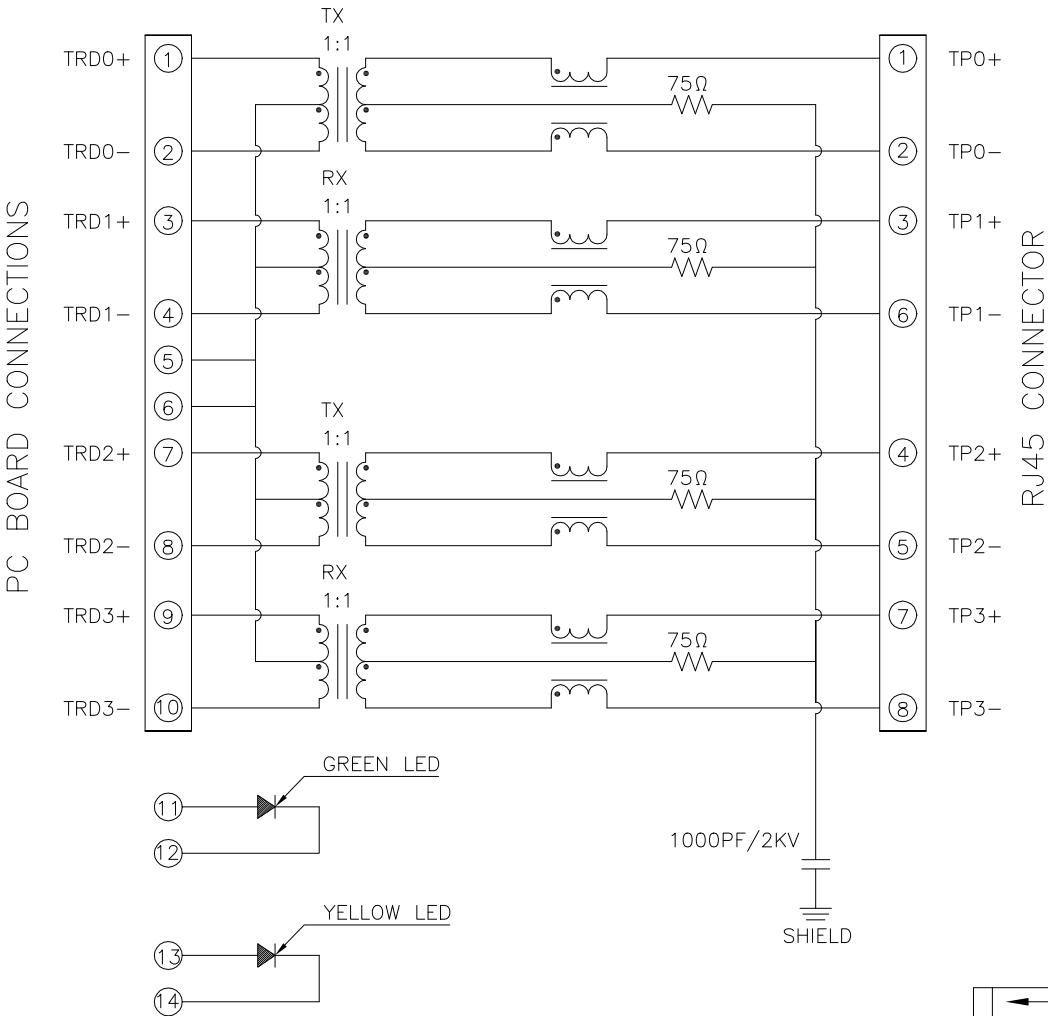
PC Board Layout

Component Side Shown

DETACHED LISTS	MM (INCH)		DFTO LUSHENG	DATE 01/30/02	FULL RISE ELECTRONIC CO., LTD		
	TOLERANCES EXCEPT AS NOTED		CHKD SHJ	DATE 2004/10/25			
			MFO	DATE	TITLE TRANSFORMER LED JACK(1X1,10PIN)		
			APPVL LUSHENG	DATE 2004/10/25			
	MM .0 ±0.20 .00 ±0.15 .000 ±0.075				DRAWING NO. GE5T3019 /PART NO. SEE NOTE		
	ANGLES ±		MATERIAL :				
			QT'Y :		REV 3		
	THIRD ANGLE PROJECTION		FINISH :		10/18/04		
			SCALE : 2:1		DO NOT SCALE DRAWING		
					SHEET 1 OF 2		

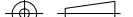
REVISION RECORD				
REV	ECO	DESCRIPTION	DRFT	CHKD
△		Drawing Modification	zzfeng 12/26/02	
△		Drawing Modification	ZJP 06/30/03	
△		DRAWING NOTE	BILLWU 10/18/04	

Schematic:



ELECTRICAL CHARACTERISTICS:

- 1.INSERTION LOSS:
- 1-60MHZ 0.5dB MAX
- 60-100MHZ 1.0dB MAX
- 100-125MHZ 1.2dB MAX
- 2.RETURN LOSS:
- 1-30MHZ 16dB MIN.LOAD 100 OHM
- 30-40MHZ 13.5dB MIN.LOAD 100 OHM
- 40-50MHZ 11.5dB MIN.LOAD 100 OHM
- 50-80MHZ 10dB MIN.LOAD 100 OHM
- 3.CROSS TALK :
- 1-30MHZ 40dB MIN.
- 30-60MHZ 38dB MIN.
- 60-100MHZ 33dB MIN.
- 4.CMRR:
- 1-100MHZ 30dB MIN.
- 5.ISOLATION @60HZ:
- INPUT TO OUTPUT 1500Vrms,1MINUTE.
- 6.PRIMARY INDUCTANCE:
- @100KHZ,0.1Vrms,8mA DC BIAS 350uH MIN.
7. ISOLATION VOLTAGE @60HZ:1500Vrms
- (INPUT TO OUTPUT) 60SEC △

DETACHED LISTS	← MM (INCH) →		DFTO LUSHENG	DATE 01/30/02	FULL RISE ELECTRONIC CO., LTD		
	TOLERANCES EXCEPT AS NOTED		CHKD SHJ	DATE 2004/10/26			
			MFO	DATE	TITLE TRANSFORMER LED JACK(1X1,10PIN)		
			APPVL LUSHENG	DATE 2004/10/26			
			MATERIAL :		DRAWING NO. GE5T3019 /PART NO. SEE NOTE		
			QT'Y :				
	ANGLES ±		FINISH :		REV 10/18/04		
			SCALE : 2:1		DO NOT SCALE DRAWING		
	THIRD ANGLE PROJECTION						